

FIG. 1

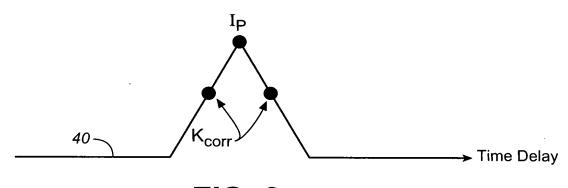
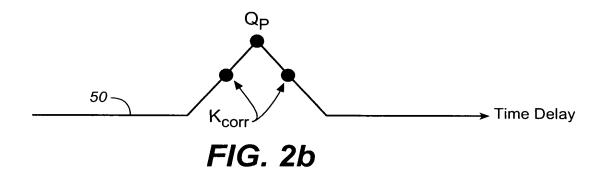
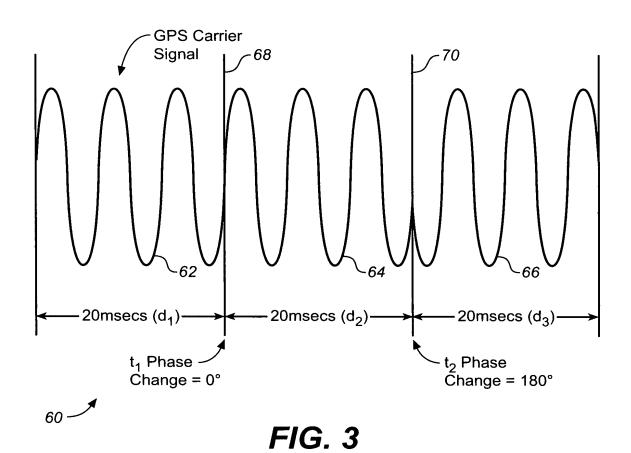
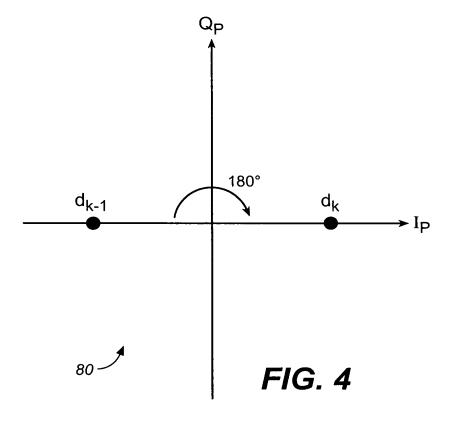
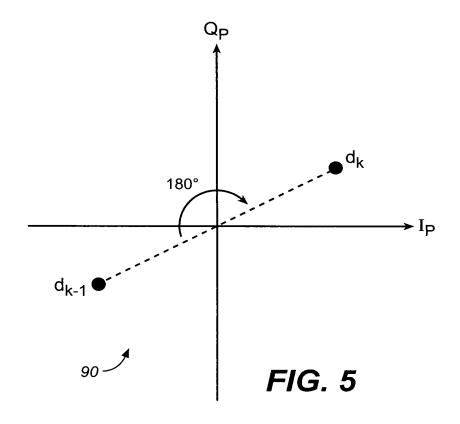


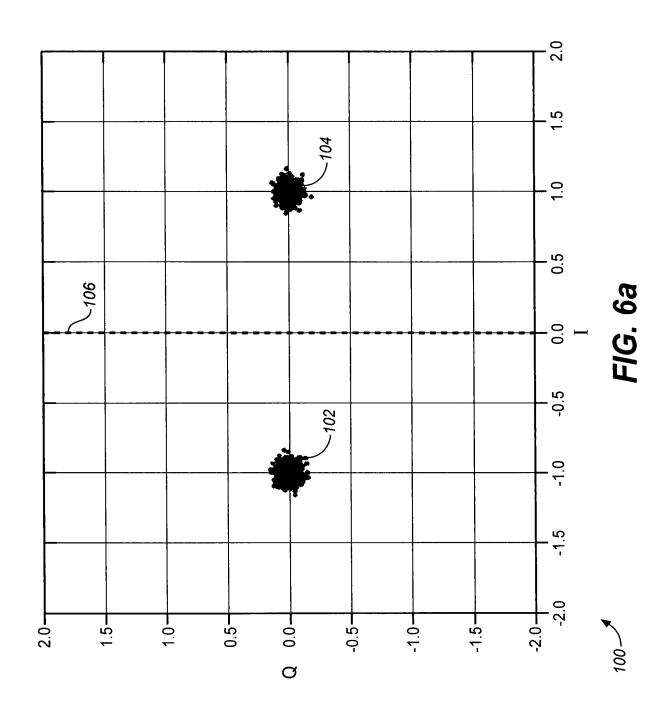
FIG. 2a

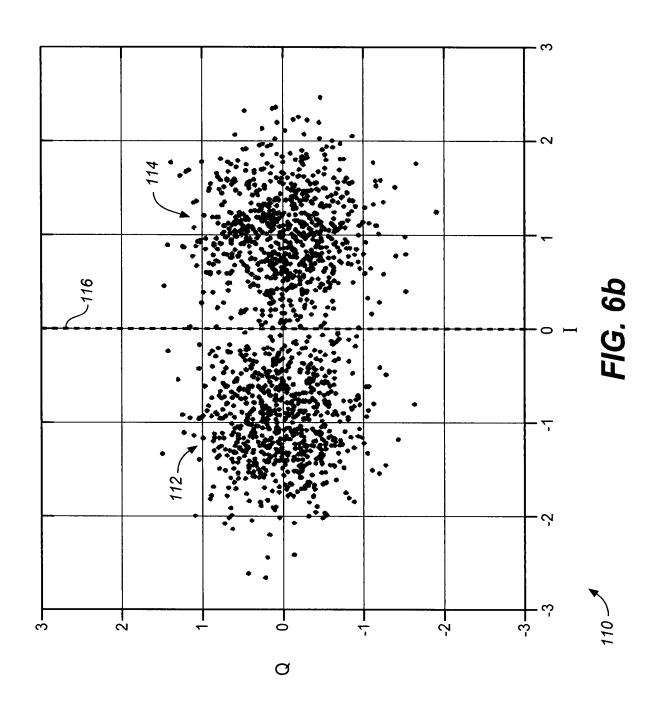




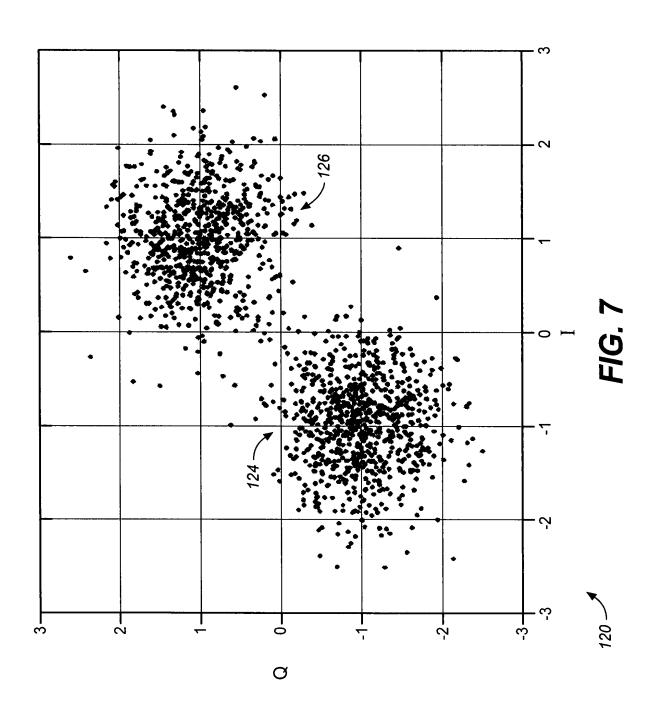




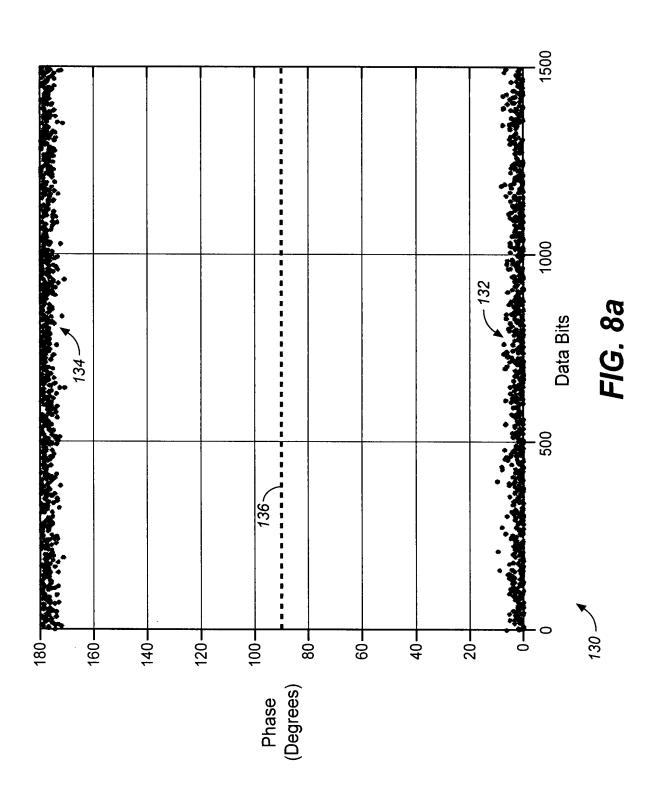


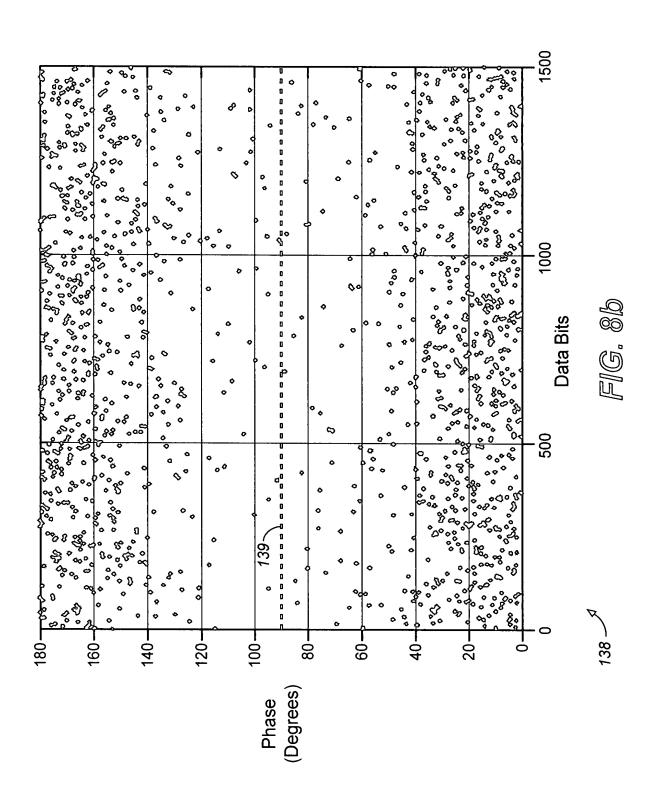


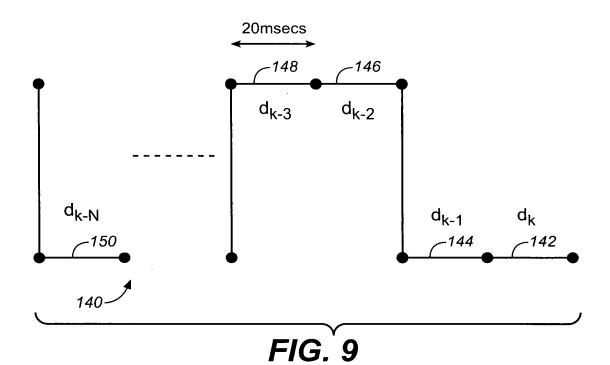
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Start -152 Obtain Absolute Data Polarity via Preamble Detection 166--154 Output GPS Data Bit for Read Ip, Qp, at 20msec Intervals **Further Processing** 164-Compute Data Bit dk using Ipk, Use Hamming Code to  $Q_{Pk}, I_{Pk-1}, Q_{Pk-1}$ **Correct Data Errors** 158 162 Computer r<sub>k</sub> Using Multiply by Absolute  $d_{k-N}...\,d_k,\,r_{k-N}...r_{k-1}$ **Data Polarity** 160 Output New Data Bit rk FIG. 10



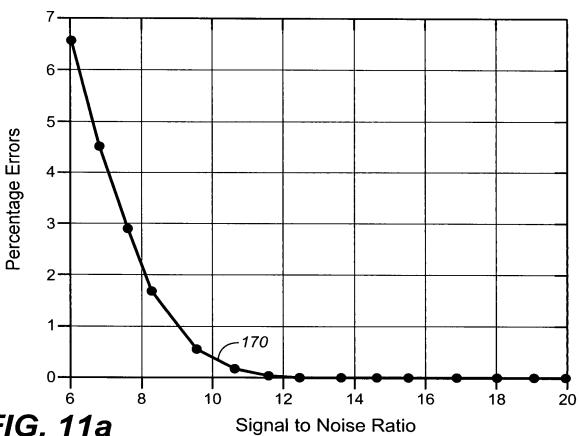
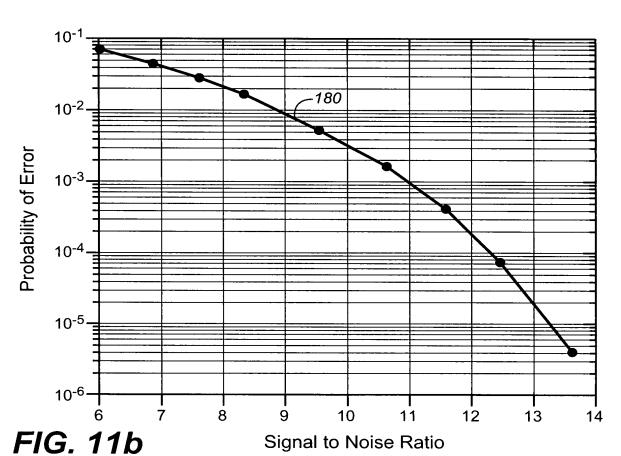


FIG. 11a



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FIG. 12

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FIG. 12b

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